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| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(use as many sheets as necessary) |   | <b>Complete if Known</b> |                     |                        |                |
|   |   | Application Number       | 09/876,374          |                        |                |
|   |   | Filing Date              | June 6, 2001        |                        |                |
|   |   | First Named Inventor     | Williams, John G.K. |                        |                |
|   |   | Group Art Unit           | unknown             |                        |                |
|   |   | Examiner Name            | 1645                |                        |                |
| Sheet   | 1 | of                       | 1                   | Attorney Docket Number | 020031-0008100 |

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| U.S. PATENT DOCUMENTS  |                          |                      |                                      |  |  |
|------------------------|--------------------------|----------------------|--------------------------------------|--|--|
| Examiner<br>Initials * | Cite<br>No. <sup>1</sup> | U.S. Patent Document |                                      | Name of Patentee or Applicant<br>of Cited Document | Date of Publication of<br>Cited Document<br>MM-DD-YYYY |
|                        |                          | Number               | Kind Code <sup>2</sup><br>(if known) |  |  |
| <i>u</i>               | AA                       | 6,323,186            | B1                                   | Klaubert et al.                                    | 11/27/01   |

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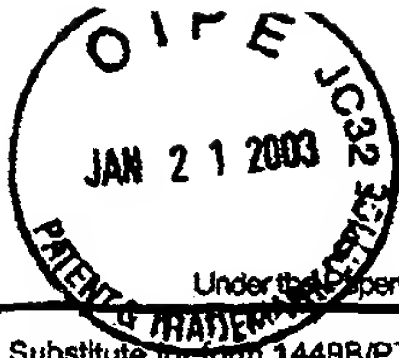
| OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS |                          |   |                |
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| <i>u</i>   | AB                       | Haugland, "Handbook of Fluorescent Probes and Research Chemicals," <i>Nucleic Acid Detection</i> , 8:143-178 (1986)   |                |

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| Examiner<br>Signature | <i>u</i> | Date<br>Considered | 8/2/2003 |
|-----------------------|----------|--------------------|----------|

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of     

### Complete If Known

|                        |                              |
|------------------------|------------------------------|
| Application Number     | 09/876,374                   |
| Filing Date            | June 6, 2001                 |
| First Named Inventor   | Williams, John G.K., et. al. |
| Art Unit               | unknown                      |
| Examiner Name          | unknown                      |
| Attorney Docket Number | 020031-000810US              |

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### U.S. PATENT DOCUMENTS

| Examiner | Cite No. <sup>1</sup> | Document Number<br>Number Kind Code <sup>2</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|----------|-----------------------|---|--------------------------------|--|---|
| <i>u</i> | AA                    | US-09/876,375   |                                | John G.K. Williams                                 |   |
|          | AB                    | US-   |                                |  |   |

### FOREIGN PATENT DOCUMENTS

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent Document<br>Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited<br>Document | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear | T <sup>6</sup>           |
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|-----------------------|--------------------------|---|----------------|
|                       | AE                       |   |                |
|                       | AF                       |   |                |

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|-----------------------|---------------------------|--------------------|-----------------|
| Examiner<br>Signature | <i>John G.K. Williams</i> | Date<br>Considered | <i>1/2/2003</i> |
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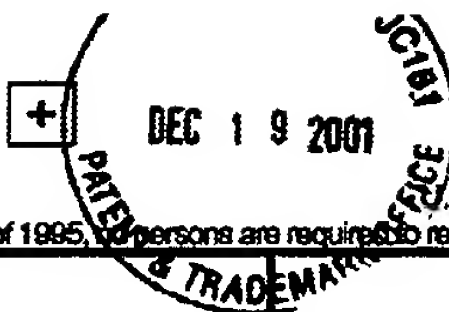
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 8

Application Number 09/876,374  
Filing Date June 6, 2001  
First Named Inventor Williams, John G.K.  
Group Art Unit 1634  
Examiner Name Frank Lu  
Attorney Docket Number 020031-000810US

## U.S. PATENT DOCUMENTS

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|                     |                       | Number               | Kind Code <sup>2</sup> (if known) |   |  |   |
| u                   | AA                    | 4,415,732            |                                   | Caruthers et al.                                | 11/15/83   |   |
|                     | AB                    | 4,458,068            |                                   | Caruthers et al.                                | 7/3/84   |   |
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|                     | AD                    | 4,962,037            |                                   | Jett et al.                                     | 10/9/90  |   |
|                     | AE                    | 4,996,143            |                                   | Heller et al.                                   | 2/26/91  |   |
|                     | AF                    | 5,013,831            |                                   | Stavrianopoulos                                 | 5/7/91   |   |
|                     | AG                    | 5,047,519            |                                   | Hobbs, Jr. et al.                               | 9/10/91  |   |
|                     | AH                    | 5,241,060            |                                   | Engelhardt et al.                               | 8/31/93  |   |
|                     | AI                    | 5,405,747            |                                   | Jett et al.                                     | 4/11/95  |   |
|                     | AJ                    | 5,608,083            |                                   | Hobbs, Jr. et al.                               | 3/4/97   |   |
|                     | AK                    | 5,635,608            |                                   | Haugland et al.                                 | 6/3/97   |   |
|                     | AL                    | 5,714,330            |                                   | Brenner et al.                                  | 2/3/98   |   |
|                     | AM                    | 5,723,591            |                                   | Livak et al.                                    | 3/3/98   |   |
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|                     | AV                    | 6,210,891            | B1                                | Nyren et al.                                    | 4/3/2001   |   |
|                     | AW                    | 6,232,075            | B1                                | Williams  | 5/15/2001  |   |
|                     | AX                    | 6,287,821            | B1                                | Shi et al.                                      | 9/11/2001  |   |

## FOREIGN PATENT DOCUMENTS

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|---------------------|-----------------------|-------------------------|---------------------|-----------------------------------|---|--|---|----------------|
|                     |                       | Office <sup>3</sup>     | Number <sup>4</sup> | Kind Code <sup>5</sup> (if known) |   |  |   |                |
| u                   | AY                    | Europe                  | 0272007             | B1                                | Applied Biosystems, Inc.                        | 03/04/92   |   |                |

Examiner Signature

Frank Lu

Date Considered

5/2/2003

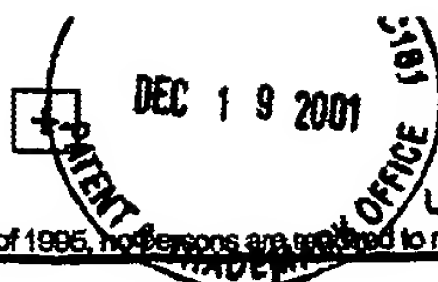
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet **2** of **8**

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|------------------------|---------------------|
| Application Number     | 09/876,374          |
| Filing Date            | June 6, 2001        |
| First Named Inventor   | Williams, John G.K. |
| Group Art Unit         | 1634                |
| Examiner Name          | Frank Lu            |
| Attorney Docket Number | 020031-000810US     |

| FOREIGN PATENT DOCUMENTS |                          |                         |                     |                                      |   |  |  |                |
|--------------------------|--------------------------|-------------------------|---------------------|--------------------------------------|---|--|--|----------------|
| Examiner<br>Initials*    | Cite<br>No. <sup>1</sup> | Foreign Patent Document |                     |                                      | Name of Patentee<br>or Applicant of<br>Cited Document | Date of Publication of<br>Cited Document<br>MM-DD-YYYY | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear | T <sup>2</sup> |
|                          |                          | Office <sup>3</sup>     | Number <sup>4</sup> | Kind Code <sup>5</sup><br>(if known) |   |  |  |                |
| m<br>↓                   | AZ                       | WO                      | 00/70073            |                                      | Korlach et al.  | 11/23/2000   |  |                |
|                          | BA                       | WO                      | 00/58507            |                                      | Klenerman   | 10/05/2000   |  |                |
|                          | BB                       | WO                      | 00/06770            |                                      | Balasubramanian<br>et al.                             | 02/10/2000   |  |                |
|                          | BC                       | WO                      | 00/27521            |                                      | Balasubramanian<br>et al.                             | 05/18/2000   |  |                |
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Sheet 3 of 8

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Application Number 09/876,374  
Filing Date June 6, 2001  
First Named Inventor Williams, John G.K.  
Group Art Unit 1634  
Examiner Name Frank Lu  
Attorney Docket Number 020031-000810US

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|---------------------|-----------------------|---|----------------|
| m                   | BD                    | Agrawal <i>et al.</i> , "Site-Specific Functionalization of Oligodeoxynucleotides For Non-Radioactive Labelling," <i>Tetrahedron Letters</i> , 31:1543-1546 (1990)  | /              |
|                     | BE                    | Ambrose <i>et al.</i> , "Single-Molecule Detection With Total Internal Reflection Excitation: Comparing Signal-to-Background and Total Signals in Different Geometries," <i>Cytometry</i> , 36:224-231 (1999)   | /              |
|                     | BF                    | Araki <i>et al.</i> , "Allosteric Regulation of a Ribozyme Activity Through Ligand-Induced Conformational Change," <i>Nucleic Acids Res.</i> , 26:3379-3384 (1998)  | /              |
|                     | BG                    | Armstrong <i>et al.</i> , "Interaction of Substrate Analogues with <i>Escherichia coli</i> DNA-Dependent RNA Polymerase," <i>Eur. J. Biochem.</i> , 70:33-38 (1976)   | /              |
|                     | BH                    | Asanov <i>et al.</i> , "Regenerable Biosensor Platform: A Total Internal Reflection Fluorescence Cell with Electrochemical Control," <i>Anal. Chem.</i> , 70:1156-1163 (1998)   | /              |
|                     | BI                    | Bergstrom <i>et al.</i> , "Palladium-Mediated Coupling between Organic Disulfides and Nucleic Acid Constituents," <i>JACS</i> , 111:374-375 (1989)  | /              |
|                     | BJ                    | Bonnafe <i>et al.</i> , "Potential Lipophilic Nucleotide Prodrugs: Synthesis, Hydrolysis, and Antiretroviral Activity of AZT and d4T Acyl Nucleotides," <i>J. Org. Chem.</i> , 61:895-902 (1996)  | /              |
|                     | BK                    | Castro <i>et al.</i> , "Single-Molecule Detection of Specific Nucleic Acid Sequences in Unamplified Genomic DNA," <i>Anal. Chem.</i> , 69:3915-3920 (1997)  | /              |
|                     | BL                    | Church <i>et al.</i> , "Multiplex DNA Sequencing," <i>Science</i> , 240:185-188 (1988)  | /              |
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|                     | BN                    | Eckstein <i>et al.</i> , "Phosphate Analogs for the Study of DNA Polymerases," <i>Methods Enzymology</i> , 262:189-217 (1995)   | /              |
|                     | BO                    | Edman <i>et al.</i> , "Conformational transitions monitored for single molecules in solution," <i>Proc. Natl. Acad. Sci. USA</i> , 93:6710-6715 (1996)  | /              |
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| ✓                   | BQ                    | Garcia, "Determination of Ion Permeability by Fluorescence Quenching," <i>Meth. Enzymol.</i> , 207:501-511 (1992)   | /              |

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Frank Lu

Date Considered

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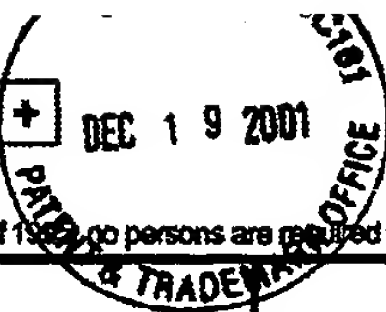
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|---------------------|-----------------------|---|----------------|
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|                     | BS                    | Gibson <i>et al.</i> , "Synthesis and application of derivatizable oligonucleotides," <i>Nucleic Acids Research</i> , 15: 6455-6467(1987)   |                |
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|                     | BV                    | Grachev <i>et al.</i> , "ATP $\gamma$ -Anilidate; A Substrate of DNA-Dependent RNA-Polymerase of <i>Escherichia Coli</i> ," <i>FEBS Lett.</i> , 49:163-166 (1974)   |                |
|                     | BW                    | Grachev <i>et al.</i> , "Studies on the functional topography of <i>Escherichia coli</i> RNA polymerase," <i>Eur. J. Biochem.</i> , 163:113-121 (1987)  |                |
|                     | BX                    | Griffin <i>et al.</i> , "Specific Covalent Labeling of Recombinant Protein Molecules Inside Live Cells," <i>Science</i> , 281:269-272 (1998)  |                |
|                     | BY                    | Gupta <i>et al.</i> , "A general method for the synthesis of 3'-sulfhydryl and phosphate group containing oligonucleotides," <i>Nucleic Acids Research</i> , 19:3019-3025 (1991)  |                |
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|                     | CA                    | Haralambidis <i>et al.</i> , "Preparation of base-modified nucleosides suitable for non-radioactive label attachment and their incorporation into synthetic oligodeoxyribonucleotides," <i>Nucleic Acids Research</i> , 15: 4856-4876 (1987)                    |                |
|                     | CB                    | Hobbs, "Palladium-Catalyzed Synthesis of Alkynylamino Nucleosides. A Universal Linker for Nucleic Acids," <i>J. Org. Chem.</i> , 54: 3420-3422 (1989)   |                |
| ✓                   | CC                    | Hunkapiller <i>et al.</i> , "Large-Scale and Automated DNA Sequence Determination," <i>Science</i> , 254: 59-67 (1991)  |                |

Examiner Signature

*Frank W*

Date Considered

5/3/2003

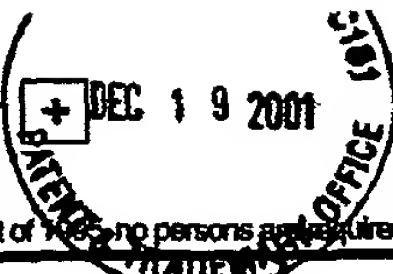
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Sheet **5** of **8**

## **Complete If Known**

|                        |                     |
|------------------------|---------------------|
| Application Number     | 09/876,374          |
| Filing Date            | June 6, 2001        |
| First Named Inventor   | Williams, John G.K. |
| Group Art Unit         | 1634                |
| Examiner Name          | Frank Lu            |
| Attorney Docket Number | 020031-000810US     |

## **OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

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|---------------------|-----------------------|--|----------------|
| <i>[Signature]</i>  | CD                    | Hyman, "A New Method of Sequencing DNA," <i>Analytical Biochemistry</i> , 174:423-436 (1988)   |                |
|                     | CE                    | Jett <i>et al.</i> , "High-Speed DNA Sequencing: An Approach Based Upon Fluorescence Detection of Single Molecules," <i>J. Biomol. Struct. Dyn.</i> , 7:301-309 (1989)   |                |
|                     | CF                    | Kadokura, M. <i>et al.</i> , "Efficient Synthesis of $\gamma$ -Methyl-Capped Guanosine 5'-Triphosphate as a 5'-Terminal Unique Structure of U6 RNA via a New Triphosphate Bond Formation Involving Activation of Methyl Phosphorimidazolidate Using ZnCl <sub>2</sub> as a Catalyst in DMF under Anhydrous Conditions," <i>Tetrahedron Letters</i> , 38:8359-8362 (1997) |                |
|                     | CG                    | Kinjo <i>et al.</i> , "Ultrasensitive hybridization analysis using fluorescence correlation spectroscopy," <i>Nucleic Acids Res.</i> , 23:1795-1799 (1995)   |                |
|                     | CH                    | Köster <i>et al.</i> , "A strategy for rapid and efficient DNA sequencing by mass spectrometry," <i>Nature Biotechnology</i> , 14:1123-1128 (1996)   |                |
|                     | CI                    | Kreimeyer <i>et al.</i> , "Transmembrane Transport of Adenosine 5'-Triphosphate Using a Lipophilic Cholesterol Derivative," <i>Angew. Chem. Int. Ed.</i> , 37:2853-2855 (1998)   |                |
|                     | CJ                    | Kreimeyer <i>et al.</i> , "Synthesis of Acylphosphates of Purine Ribonucleosides," <i>Tetrahedron Letters</i> , 37:8739-8742 (1006)  |                |
|                     | CK                    | Laws <i>et al.</i> , "Fluorescence Quenching Studies: Analysis of Nonlinear Stern - Volmer Data," <i>Meth. Enzymol.</i> , 210:448-463 (1992)   |                |
|                     | CL                    | Li <i>et al.</i> , "Design, Synthesis, and Spectroscopic Properties of Peptide-Bridged Fluorescence Energy-Transfer Cassettes," <i>Bioconjugate Chem.</i> , 10:241-245 (1999)  |                |
|                     | CM                    | Luo <i>et al.</i> , "Fluorous Mixture Synthesis: A Fluorous-Tagging Strategy for the Synthesis and Separation of Mixtures of Organic Compounds," <i>Science</i> , 291:1766-769 (2001)  |                |
|                     | CN                    | Marshall, "Rules for the visible absorption spectra of halogenated Fluorescein dyes," <i>Histochemical J.</i> , 7:299-303 (1975)   |                |
|                     | CO                    | Maxam <i>et al.</i> , "A new method for sequencing DNA," <i>Proc. Natl. Acad. Sci. USA</i> , 74:560-564 (1977)   |                |

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Date Considered

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Sheet 6 of 8

## Complete If Known

|                        |                     |
|------------------------|---------------------|
| Application Number     | 09/876,374          |
| Filing Date            | June 6, 2001        |
| First Named Inventor   | Williams, John G.K. |
| Group Art Unit         | 1634                |
| Examiner Name          | Frank Lu            |
| Attorney Docket Number | 020031-000810US     |

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|---------------------|-----------------------|---|----------------|
| m                   | CP                    | Narasimhan <i>et al.</i> , "p-Benzoquinone activation of metal oxide electrodes for attachment of enzymes," <i>Enzyme Microb. Technol.</i> , 7:283-286 (1985)   |                |
|                     | CQ                    | Nelson <i>et al.</i> , "Bifunctional oligonucleotide probes synthesized using a novel CPG support are able to detect single base pair mutations," <i>Nucleic Acids Research</i> , 17: 7187-7194 (1989)  |                |
|                     | CR                    | Nie <i>et al.</i> , "Probing Individual Molecules with Confocal Fluorescence Microscopy," <i>Science</i> 266:1018-1021 (1994)   |                |
|                     | CS                    | Nie <i>et al.</i> , "Real-Time Detection of Single Molecules in Solution by Confocal Fluorescence Microscopy," <i>Anal. Chem.</i> 67:2849-2837 (1995)   |                |
|                     | CT                    | Paris <i>et al.</i> , "Probing DNA sequences in solution with a monomer – excimer fluorescence color change," <i>Nucleic Acids Res.</i> , 26:3789-2393 (1998)   |                |
|                     | CU                    | Ronaghi <i>et al.</i> , "Sequencing Method Based on Real-Time Pyrophosphate," <i>Science</i> , 281:363-365 (1998)   |                |
|                     | CV                    | Sanger <i>et al.</i> , "DNA sequencing with chain-terminating inhibitors," <i>Proc. Natl. Acad. Sci. USA</i> , 74: 5463-5467 (1977)   |                |
|                     | CW                    | Sato <i>et al.</i> , "Bimane conjugates of 5-halogenouridylic acids as fluorogenic substrates for phosphodiesterase I," <i>J. Chem. Research (S)</i> , 1:390-391 (1994)   |                |
|                     | CX                    | Schecker <i>et al.</i> , "Flow-based continuous DNA sequencing via single molecule detection of enzymatically cleaved fluorescent nucleotides," <i>Proc. SPIE-Int. Soc. Opt. Eng.</i> 2386:4-12 (1995)  |                |
|                     | CY                    | Schmidt <i>et al.</i> , "Imaging of single molecule diffusion," <i>Proc. Natl. Acad. Sci. USA</i> 93, 2926-2929 (1996)  |                |
|                     | CZ                    | Service, "Borrowing from biology to power the petite", <i>Science</i> , 283:27 (1999)   |                |
| ✓                   | DA                    | Smagowicz <i>et al.</i> , "Properties of P <sup>3</sup> Esters of Nucleoside Triphosphates as Substrates for RNA Polymerase from <i>Escherichia coli</i> ," <i>Biochem.</i> , 20:5538-5546 (1981)   |                |

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*Frank Lu*

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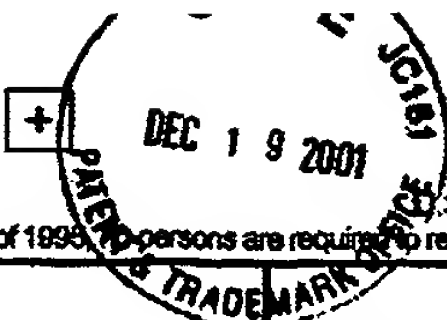
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|------------------------|---------------------|
| Application Number     | 09/876,374          |
| Filing Date            | June 6, 2001        |
| First Named Inventor   | Williams, John G.K. |
| Group Art Unit         | 1634                |
| Examiner Name          | Frank Ca            |
| Attorney Docket Number | 020031-000810US     |

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|---------------------|-----------------------|--|----------------|
| <i>W</i>            | DB                    | Sproat <i>et al.</i> , "The synthesis of protected 5'-mercapto-2', 5'-dideoxyribonucleoside-3'-O-phosphoramidites; uses of 5'-mercapto-oligodeoxyribonucleotides," <i>Nucleic Acids Research</i> , 15:4837-4849 (1987)   |                |
|                     | DC                    | Steitz, "A mechanism for all polymerases," <i>Nature</i> , 391:231-232 (1998)  |                |
|                     | DD                    | Suto <i>et al.</i> , "Synthesis of $\gamma$ -phosphate-linked Nucleoside Affinity Chromatography Resins For Protein Purification, Including Ribonucleoside Triphosphate Reductase," <i>Nucleosides &amp; Nucleotides</i> , 17(8):1453-1471 (1998)                                      |                |
|                     | DE                    | Sverdlov <i>et al.</i> , "Derivatives of Guanosine Triphosphate-photoreactive Substrates of <i>Escherichia Coli</i> RNA Polymerase," <i>Elsevier/North-Holland Biomedical Press</i> , 112:296-298 (1980)   |                |
|                     | DF                    | Tokunaga <i>et al.</i> , "Single molecule imaging of fluorophores and enzymatic reactions achieved by objective-type total internal reflection fluorescence microscopy," <i>Biochem. and Biophys. Res. Comm.</i> , 235:47-53 (1997)  |                |
|                     | DG                    | Tyagi <i>et al.</i> , "Multicolor molecular beacons for allele discrimination," <i>Nature Biotechnol.</i> , 16:49-53 (1998)  |                |
|                     | DH                    | Velculescu <i>et al.</i> , "Serial Analysis of Gene Expression," <i>Science</i> , 270:484-487 (1995)   |                |
|                     | DI                    | Walker <i>et al.</i> , "Synthesis and Properties of Caged Nucleotides," <i>Methods in Enzymology</i> , 172:288-301 (1989)  |                |
|                     | DJ                    | Wang <i>et al.</i> , "Design and Synthesis of New Fluorogenic HIV Protease Substrates Based On Resonance Energy Transfer," <i>Tetrahedron Lett.</i> , 31:6493-6496 (1990)  |                |
|                     | DK                    | Weissleder <i>et al.</i> , "In vivo imaging of tumors with protease-activated near-infrared fluorescent probes," <i>Nature Biotechnol.</i> , 17:375-378 (1999)   |                |
| <i>W</i>            | DL                    | Wu <i>et al.</i> , "Synthesis and Properties of Adenosine-5'-triphosphoro- $\gamma$ -1-(5-sulfonic acid)naphthyl Ethylamidate: A Fluorescent Nucleotide Substrate for DNA-Dependent RNA Polymerase from <i>Escherichia coli</i> ," <i>Arch. Biochem. Biophys.</i> , 246:564-567 (1996) |                |

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| Application Number     | 09/876,374          |
| Filing Date            | June 6, 2001        |
| First Named Inventor   | Williams, John G.K. |
| Group Art Unit         | 1634                |
| Examiner Name          | Frank ca            |
| Attorney Docket Number | 020031-000810US     |

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## OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

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|---------------------|-----------------------|---|----------------|
| W                   | DM                    | Wu <i>et al.</i> , "An allosteric synthetic DNA," <i>Nucleic Acids Res.</i> , 1512-1516 (1999)  |                |
|                     | DN                    | Xu <i>et al.</i> , "Long-Range Electrostatic Trapping of Single-Protein Molecules at a Liquid-Solid Interface," <i>Science</i> , 281:1650-1653 (1998)   |                |
|                     | DO                    | Yarbrough <i>et al.</i> , "Synthesis and properties of fluorescent nucleotide substrates for DNA-dependent RNA polymerases," <i>JBC</i> , 254:12069-12073 (1979)  |                |
|                     | DP                    | Yarbrough <i>et al.</i> , "Stacking Interactions in Fluorescent Nucleotide Analogs Containing 1-Aminonaphthalene-5-Sulfonate at the Phosphoryl Terminus," <i>JBC</i> , 255:9907-9911 (1980)   |                |
|                     | DQ                    | Yarbrough <i>et al.</i> , "Binding of Fluorescent Analogs of GRP to the Exchangeable Nucleotide Binding Site of Tubulin," <i>JBC</i> , 256:112-117 (1981)   |                |
|                     | DR                    | Zuckermann <i>et al.</i> , "Efficient methods for attachment of thiol specific probes to the 3'-ends of synthetic oligodeoxyribonucleotides," <i>Nucleic Acids Research</i> , 15: 5305-5321 (1987)  |                |
|                     | DS                    | Livak <i>et al.</i> , "Oligonucleotides with Fluorescent Dyes at Opposite Ends Provide a Quenched Probe System Useful for Detecting PCR Product and Nucleic Acid Hybridization," <i>PCR Methods and Applications</i> , Cold Spring Harbor Laboratory Press., 4:357-362 (1995) |                |
|                     | DT                    | Hunkapiller <i>et al.</i> , "Large-Scale and Automated DNA Sequence Determination," <i>Science</i> , 254:59-67 (1991)   |                |
| V                   | DU                    | Griffin, <i>et al.</i> , "Specific Covalent Labeling of Recombinant Protein Molecules Inside Live Cells," <i>Science</i> , 281:269-272 (1998)   |                |

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Application Number 09/876,374  
Filing Date June 6, 2001  
First Named Inventor Williams, John G.K.  
Group Art Unit unknown 1634  
Examiner Name unknown Frank cu  
Attorney Docket Number 020031-000810US

## U.S. PATENT DOCUMENTS

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| m                  | AU                    | WIPO                    | WO 98/28440         |                                   | PYROQUENCING                                    | 07-02-1998                                       |   |                |
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## Complete if Known

|                        |                     |
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| Application Number     | 09/876,374          |
| Filing Date            | Jun 6, 2001         |
| First Named Inventor   | Williams, John G.K. |
| Group Art Unit         | unknown 1634        |
| Examiner Name          | unknown Frank W     |
| Attorney Docket Number | 020031-000810US     |

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|------------------------|--------------------------|---|----------------|
| u                      | AZ                       | TYAGI ET AL. Molecular Beacons: Probes that fluoresce upon Hybridization. <i>Nature Biotechnology</i> , March 1996, Vol 14, Page 303-308.   |                |
| u                      | AAA                      | FU ET AL. A DNA Sequencing Strategy that Requires only Five Bases of Known Terminal Sequence for Priming. <i>Proc. Natl. Acad. Sci. USA</i> , October 1995, Vol. 92, Pages 10182-10186.   |                |
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